

**WATER-DISINTEGRABLE PAPER HAVING MOISTURE
RETAINING PROPERTY AND ITS PRODUCTION**

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[57] Abstract:

PROBLEM TO BE SOLVED: To make it possible to produce water-disintegrable paper which is usable in the same manner as for general toilet paper, has excellent water-disintegrability, wiping characteristic, touch to the skin, etc., and is not degraded in paper power at a low cost without requiring special containers and packages.

SOLUTION: This paper contains ≥ 1 kinds of components among glycerol, diglycerol, polyethylene glycol having an average mol.wt. of a prescribed range, sorbit, propylene glycol, 1,3-butylene glycol, glycine betaine, pyrrolidonecarboxylic acid, pyrrolidonecarboxylic salt, melthitol, and sodium lactate as a moisture retaining agent and ≥ 1 kinds of components among sodium carboxymethyl cellulose, starch, modified starch, gua gum, polyvinyl alcohol and polyacrylamide as a dry paper power intensifying agent in water- disintegrable raw paper. The water-disintegrable paper contg. polyethylene glycol having the average mol.wt. of a prescribed range as water-soluble wax in addition to the components described above is otherwise obtd.

[51] **Int'l Class:** A47K01016 D21H01910

